

Reagan
Remembrance
Page 20



There have been many changes for the State Water Project over the past few years. On the personnel side, all of what I call the first generation of SWP staff have retired. First generation being the people who built and started-up the SWP. On the business side, we have seen deregulation of the energy market, a shift from a design and construction organization to a focus on supporting the operations and maintenance activity of the SWP, and enlargement, replacement or refurbishment of most existing water conveyance facilities. What we have not seen is a change in the organization to support our new roles and responsibilities. That is until now.

Future Operations is the lead story in this month's edition of *DWR People*. Future Operations is a catchy phrase for our strategy to increase SWP reliability, control costs passed along to the State Water Contractors, clearly define staff roles and responsibilities, develop and document a strategy for implementation of our new energy portfolio, define operational roles as we upgrade our control system, and focus on simplification and improvement of our business processes.

As the Future Operations strategy was being developed, there was a legitimate concern that the organization would view a move to centralized operation of the SWP as a neatly disguised excuse to downsize the organization. In reality, a reduction of staff has occurred as a result of budget cuts and a very hard hiring freeze, reducing staffing to critical levels, while we strive to maintain reliable service to our customers. Currently, what we are looking at statewide is how to utilize our smaller workforce most effectively.

Over the next few months, we will be developing revised organizations to support our reworked energy portfolio, centralized operation of the SWP, engineering support for the SWP, and alignment of the organization with the programs to support our new Director, Lester Snow. A series of "road shows" have started under the leadership of the Future Operations Change Management team. This is your opportunity to better understand the new direction and ask questions about how your job and organization will be affected. I encourage you to attend these meetings and fully participate. If you think your part of DWR will be affected, or you're just interested in keeping up with the changes within the organization, I encourage you to contact the Change Management team for information.

There are numerous reasons that I enjoy working for DWR. First and foremost is the opportunity to work on a world class facility like the State Water Project with our high quality workforce. Also, I appreciate the "can-do attitude" of DWR staff. From this 11th floor view, I am seeing a changing organization and this change is being embraced with enthusiasm by DWR employees. Together, over the next few years we can make the changes necessary to continue providing reliable, cost effective water to the millions of Californians who count on the SWP.

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FUTURE OPERATIONS *Program*

by Alison Raymer

By now, most of you have probably heard the term “Future Ops” referred to around DWR, but what, exactly, does it mean? Simply put, Future Ops refers to a cluster of 14 projects of varying magnitude involved in changing the way DWR operates the State Water Project.

Why the Change?

In the 1990s, several major factors emerged, both internal and external, that prompted DWR to begin evaluating the adequacy of its current SWP business practices to compete in the 21st Century. These factors included an aging infrastructure; increasing concerns from the 29 state water contracting agencies about their costs; different and improved utility industry best business practices; and the need to determine how to handle the acquisition of power given the imminent expiration of 20-year-old contracts that had, since the deregulation of California’s electric utility industry in 1998, been shielding DWR and the State Water Contractors from a

Left to Right: Future Ops staff Dave Paulson, Reporting Team, and Glenn Solberg, Settlements Team, converse with Future Ops Phase 2B Project Manager Joel Ledesma.

Photos by Paul Hames

highly volatile and competitive power market. Not surprisingly, given our heritage of pride and innovation, DWR determined that, in fact, our business survival depended on both updating and modifying our current business processes, as well as developing new ones.

Actually, modifications to the way we do business began in 1998 with Business 2000 and the implementation of SAP as a technology tool to capture and sustain the business processes involved in maintaining the SWP infrastructure, followed in 2000 by significant improvements on the maintenance side of the SWP to align DWR with industry best practice. In 2002, the Future Operations Program was established to implement the business strategy for the operation of the SWP in the 21st Century.

> > > *continued on next page*

Where are We Now?

Future Operations Strategy Review and Control System Requirements:

The first major project undertaken by Future Ops was "Centralized Operations." This project involved (a) an analysis of the physical risk involved in controlling the flow of water through the SWP from a single, central point rather than remotely by each of the individual Field Divisions, (b) defining the requirements for the technical support system (control system) replacements or improvements to support centralized operations, and (c) development of a strategy for migrating from the current remote operations to a totally centralized operation. This project was completed in March 2004.

Post 2004 Power Project:

In recognition of the expiration of the existing major power contracts, the purpose of this project is to (a) establish and implement a strategy to ensure SWP operational flexibility through management of a power and transmission resources portfolio that minimizes the net risk-adjusted cost of power, and (b) establish risk management protocols and procedures, as well as the organizational structure necessary to implement the strategy. This project has completed the strategy phase and is in the process of implementing the risk management framework, building the power portfolio, and developing the organizational structure. The project completion date is December 31, 2004; however, management of the power portfolio will be ongoing.



From the Future Ops' Technology Team, Control Systems Technician III Susan Blood, Senior Information Systems Analyst Pardeep Banga (standing at left) and consultant Mike Golshanara (sitting at right) review the system architecture layout.



Left to Right: Future Ops Program members Shelly Byrne, Alison Raymer, and Coe Hall discuss the timetable for Phase 2B to "go live."

Phase 2B – Utility Operations Implementation:

The purpose of this project is to identify or develop the tools and management information system necessary to (a) handle the power scheduling, settlements reporting and post-transactional processing and analysis necessary for the operation of the SWP and its power portfolio, and (b) produce the management and operational reports required to support, audit and manage this function. A major task of this project is the development and delivery of training on the use of these new tools to the employees who will be using them. This project is moving on a fast track, with "go-live" scheduled for September of this year.

The chart on page 6 depicts the 16 projects identified in the Future Operations Strategy of 2000, 14 of which are encompassed by the Future Operations Program. (The Oroville Federal Energy Regulatory Commission Relicensing and Communications Upgrade projects are being implemented parallel to but separate from the Future Operations projects.) As you can see from the chart, the next project to begin is the upgrade of the Oroville Complex Control System. Given the number, scope, and impact of these projects, total implementation of the entire Future Operations Program is not expected to be complete until about 2007.

> > > continued on next page

How does Future Ops affect you?

The divisions most significantly affected by the business process and organizational changes resulting from Future Ops are the Division of Operations and Maintenance and the State Water Project Analysis Office. In addition, because the changes coming down impact technology, financials, and human resources, the divisions that support these functions within the department — Fiscal Services, Management Services, and Technology Services — are also affected, although to a lesser degree. As Future Ops continues to chip away at the pending projects list, other divisions may be affected to some degree in the future.

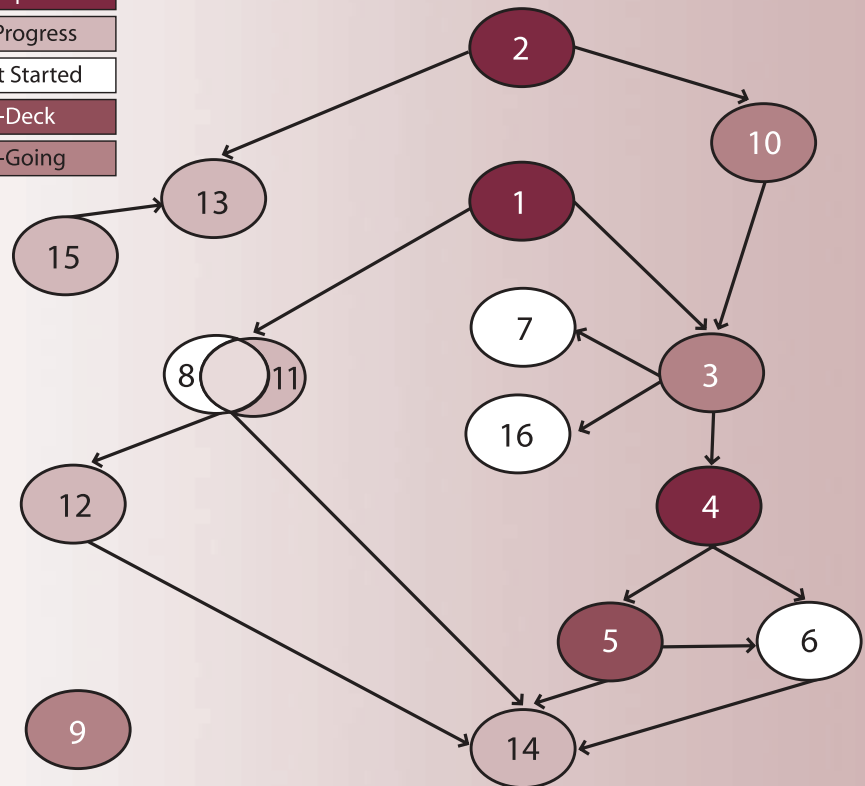


Hopefully you now have a better understanding of Future Ops and its significance to the Department. For example, I recently heard the expression “this isn’t your Daddy’s DWR” in reference to the many broad programmatic, economic, and political changes facing the DWR over the past few years. I believe this is true and the Future Ops Program is instrumental in creating the DWR of our sons and daughters. This is something we can, and should, be proud to be a part of. The Future Ops Program represents a tremendous investment in the future. Yes, there will be changes for many employees, but management is committed to ensuring that the structure, tools, and knowledge required for success is built into each project and provided to every affected employee. DWR management would not be committed to, and the State Water Contractors would not support, this investment if they did not believe it can and will be successful. DWR’s track record of successes indicates this confidence is not misplaced.

Project Dependencies

List of Projects

1. Future Operations Strategy Review
2. DWR Risk Analysis Methodology
3. Coordinated Resources Model
4. Control System Requirements/ Migration Strategy
5. Oroville Complex Control System
6. Aqueduct Control System
7. Multi-Skilling
8. Automated Tools
9. Quick Hits
10. Service Level Agreements
11. Phase 2B
12. MAPPER Migration Strategy
13. Post-2004 Power Project
- Phase 1A
- Phase 1B-1C
14. Communications Upgrade
15. Oroville FERC Re-Licensing
16. Water Accounting





Top (Left to Right): Integration Team members include Senior Water & Power Dispatcher Bob Floyd, Water & Power Dispatcher, Luis Carrillo, Senior Hydroelectric Plant Operator Linda Sue Solomon, Senior Water and Power Dispatcher Henry Munoz, Chief Water & Power Dispatcher and Quality Assurance and Metrics Lead Terry Dennis.

Right: During the Realization kickoff, Alison Raymer spoke to DWR staff and contractors about project accomplishments to date and what is still ahead.

Bottom: At Delta Field Division, Future Ops Team members provided an overview of the program to all field division management. (Photo by Steve Payer)



Still Curious?

If you would like more information on the Future Operations Program, please feel free to contact any of the Change Management Team members listed below.

The Future Ops Change Management team's email is

FOPsChange@water.ca.gov

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Shahram Zarafshar

Retired

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Jim Blood

Bill Ingram

John Lawrence

TERMINAL *Lakes*

by Jeanine Jones

The buck stops here. Although Harry S Truman intended this remark in the context of governance, it also reflects the physical reality of terminal lakes or other water bodies occupying closed drainage basins. Terminal lakes are found in regions of interior drainage, where a river ends in a closed hydrologic basin rather than flowing to the ocean. Terminal lakes are not unusual in the western states (see table on page 9), particularly in the basin and range geomorphic provinces. Some terminal lakes—Mono Lake, for example—are permanent bodies of water. Others are ephemeral, like the playa lakes of the Mojave Desert that contain water only briefly following major storms. Many present-day terminal lakes are smaller remnants of vast water bodies dating back to the Pleistocene, when the West's climate was wetter than it is today. Some ancestral lakes and their modern counterparts include: Lake Bonneville (Great Salt Lake), Lake Lahontan (Pyramid Lake, Carson Sink, and Walker Lake), Lake Cahuilla (Salton Sea), Lake Chewaucan (Lake Abert, Summer Lake), and Lake Manix (Troy, Harper, and Cronese Dry lakes).

Walker Lake's increasing salinity threatens the sustainability of its Lahontan cutthroat trout population.

Below: Best known for its tufa formations, Mono Lake is the primary breeding area for about 85 percent of the State's California Gull population, making it the second largest California Gull rookery in North America after the Great Salt Lake.



Most terminal lakes provide important wildlife habitat for migratory waterfowl and shorebirds, and managed wildlife areas are common at these sites. As indicated in the accompanying table, the Western Shorebird Reserve Network has established criteria quantifying habitat areas of importance, ranging from hemispheric (higher) to regional (lower). The conversion of former wetland areas to

agricultural and urban land uses makes the remnant habitat provided at terminal water bodies key for migratory birds on the Pacific and Central Flyways. In California, for example, estimates place the loss of wetland acreage at more than 90 percent. California's San Joaquin Valley once featured several terminal lakes—Tulare Lake, Kern Lake, and Buena Vista Lake—that formerly supported extensive waterfowl habitat but have now been converted to agricultural land use.

Table – Examples of Larger Western Terminal Lakes

Lake	Location	Primary Water Source	Description	Comments	
Salton Sea	Southeastern California, Riverside & Imperial Counties	Agricultural drainage	California's largest lake, hypersaline	Sonny Bono Salton Sea NWR, WHSRN International site	
Mono Lake	Eastern Sierra, Mono County	Local creeks	Hypersaline, brine shrimp-based ecosystem	WHSRN International site	
Owens Dry Lake	Eastern Sierra, Inyo County	Owens River	Now dry due to water development activities	Remediation project to limit PM ₁₀ emissions in progress	
Honey Lake	Northeastern California, Lassen County	Susan River, local runoff	Ephemeral alkali lake, open water habitat maintained for waterfowl	WHSRN Regional site, Honey Lake Wildlife Area	
Pyramid Lake	Northwestern Nevada	Truckee River	A TDS of about 5,000 mg/l makes Pyramid one of the freshest terminal lakes	Anahoe Island NWR	NWR National Wildlife Refuge
Carson Sink	Northwestern Nevada	Carson River	Now largely dry due to water development activities, parts of sink are managed wetlands	Stillwater NWR is part of Lahontan Valley wetlands area, a WHSRN Hemispheric site	ACEC Area of Critical Environmental Concern (Bureau of Land Management)
Walker Lake	Western Central Nevada	Walker River	TDS nearing 15,000 mg/l threatens present fishery	Hatchery-supported population of Lahontan cutthroat trout	
Great Salt Lake	Northwestern Utah	Bear River	Hypersaline, with commercial brine shrimp harvesting	Bear River NWR, WHSRN Hemispheric site	WHSRN Western Hemisphere Shorebird Reserve Network
Lake Abert	Southern Central Oregon	Chewaucan River	Hypersaline, with commercial brine shrimp harvesting	BLM ACEC, WHSRN Hemispheric site	
Summer Lake	Southern Central Oregon	Ana River	Saline, goes dry during droughts	Summer Lake State Wildlife Area, WHSRN International site	TDS total dissolved solids

Terminal lakes or sinks often have fish and wildlife resource management issues relating to impacts of upstream diversions and/or deterioration of water quality conditions due to evaporation and concentration of minerals. Trace minerals entering a closed system are concentrated, sometimes to levels that present environmental risks. Changes in lake water quality affect the fish and bird species relying on a lake and may make the current ecosystem unsustainable. Increasing salinity, for example, is a resource management challenge to maintaining fisheries at the brackish Walker Lake and hypersaline Salton Sea. Selenium, identified as a major resource management problem for avifauna following impacts discovered at the former Kesterson National Wildlife Refuge, is a contaminant of concern at the Great Salt Lake and the Salton Sea. Human health risks can also be a management concern, as in the case of fugitive dust emissions from Owens Dry Lake and potentially from the Salton Sea.

Resource managers in the western states are taking a variety of actions to address issues at terminal lakes. Legislation has been a driving force for some actions (Pyramid Lake, Carson Sink, Salton Sea), others are being addressed through litigation and regulation (Mono Lake, Owens Dry Lake, Walker Lake). Among the remedies being used to address management issues are acquisition of water

or water rights for environmental purposes (Pyramid Lake, Carson Sink), establishment of water quality standards and total maximum daily loads (Great Salt Lake and Salton Sea), and restoration of riparian habitat (Mono Lake, Pyramid Lake).

The Department of Water Resources is or has been involved in resource management activities associated with several large terminal lakes. The Department's new Salton Sea ecosystem restoration responsibilities associated with implementation of the Colorado River Quantification Settlement Agreement were described in the Winter 2004 *DWR News/People*. The Department participated in negotiation of congressional settlement legislation for the interstate Truckee and Carson River systems, legislation that established resource management actions for Pyramid Lake and the Carson Sink, and also continues to participate in preparation of the Truckee River Operating Agreement required by that legislation. The Department is now participating in settlement negotiations on the interstate Walker River, negotiations stemming from litigation over Walker Lake resource issues. For Mono Lake, the Department administered a legislatively mandated water conservation grant program to compensate Los Angeles for its reduced diversions from lake tributaries. At Honey Lake the Department provides watermaster services for the Honey Lake Wildlife Area.



Associate Governmental Program Analyst Dennis Woods (right) introduces Management Services Technician Michele Kufasimes to safe drinking water funding applications.

SAFE DRINKING WATER *Office*

by Annie Parker

Photos by Norm Hughes

DWR's Safe Drinking Water Office (SDWO) in Sacramento helps ensure that public water systems in California have the funding to provide water that meets both State and federal safe drinking water standards.

"We manage loan and grant programs for drinking water infrastructure repair and improvement to bring water systems in compliance with State and federal drinking water standards," said **Sylvia Ortega**, Chief of SDWO.

The office provides for administration of the California Safe Drinking Water Bond laws of 1976, 1984, 1986, and 1988, which were designed to provide funds for water systems to come in line with safe water regulations. SDWO is generally involved in funding and servicing loan programs. The office has seven employees, including Sylvia, five analysts, and an office assistant.

Contracting with the California Department of Health Services (DHS), the SDWO manages the financial component of the U.S. Environmental Protection Agency's Safe Drinking Water State Revolving Fund Program (SRF), which provides funding

There are approximately 8,600 public water systems in California, and those that are ranked high on the DHS project priority list, based on health violations, are invited to apply for funds every year.

to public water systems to finance repairs and improvements to achieve compliance with the law. The program is funded 80 percent by the federal government and 20 percent by the State. Program funding averages about \$95 million per year.

"That's the most active part of our program. And it's close to \$100 million a year in loans and grants. That's a lot of work," said Sylvia.

There are approximately 8,600 public water systems (PWS) in California. When a PWS has been found to be in violation of State or federal drinking water standards, the violation is documented and the system is ranked onto DHS' Project Priority List. The highest ranking systems are invited to apply

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Safe Drinking Water Office employees include **(Left to Right):** Chief Sylvia Ortega, Jan Hayhurst, Jean Green, Dennis Woods, Vanessa Southward, Michele Kufasimes. **(Not in photo: Pat Colson)**



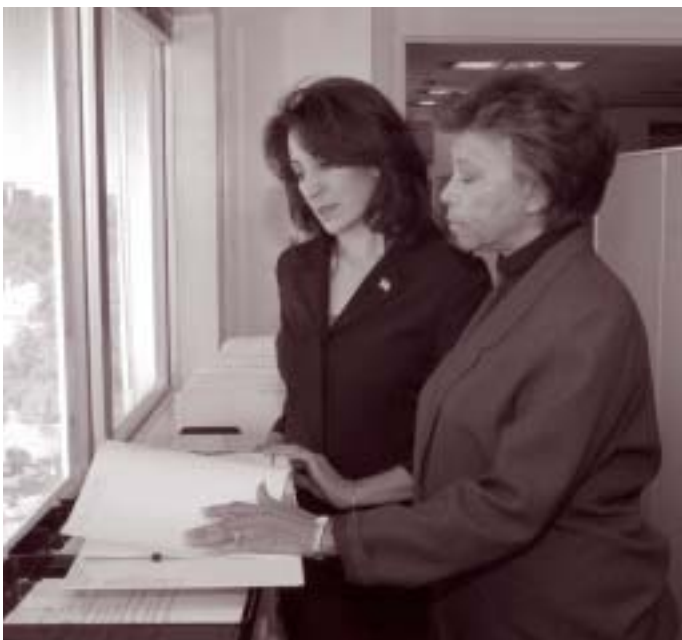
for funding under the SRF program. Once a system is invited, it submits an application with a Preliminary Engineering Report. DHS then creates a technical report to determine how much of the project is eligible for SRF funding.

"I make a determination on whether a water system is eligible for grants and loans and how much they can afford. I then follow the process from a Notice of Application Acceptance all the way through to loan repayment. It is then turned over to

the Department of Health Services' accounting department so they can begin the invoicing process for loan repayment," said **Jean Green**, an Associate Governmental Program Analyst who has been with the Safe Drinking Water Office since 1982.

SDWO will be involved in launching Proposition 50, Chapter 6, which provides grants for pilot and demonstration projects for water treatment and contaminant removal, and for drinking water disinfecting projects using ultraviolet technology and ozone treatment.

The SDWO will also be on contract with DHS to manage the financial component of chapters three and four of Proposition 50. Chapter Three funds water security projects to protect State, local, and regional drinking water systems from terrorist attack or deliberate acts of destruction. Chapter Four provides grant monies for water systems to upgrade monitoring, treatment, or distribution infrastructure; drinking water source protection; grants for treatment facilities, and to assist in meeting the State's commitment to reduce Colorado River dependence.



Left to Right: Chief of the Safe Drinking Water Office Sylvia Ortega and Associate Governmental Program Analyst Jean Green review claim for reimbursement.

DWR Responds to June Flooding of Jones Tract

by Don Strickland and Pete Weisser

DWR flood fighters and SWP operators responded quickly and effectively to a June 3 levee break that flooded about 12,000 acres of farmland on Upper and Lower Jones Tract in the southern Delta. The site of the private levee break was about 10 miles west of Stockton on the Middle River, in San Joaquin County.

The flooding ripped about a 400-foot wide gap, some 50 feet deep, in the levee.

DWR's Division of Flood Management immediately activated the Flood Operations Center, leading the emergency levee repair effort and coordinating responses to the flood event by a coalition of local, State and federal agencies, including San Joaquin County public safety agencies, the Governor's Office of Emergency Services, the U.S. Army Corps of Engineers, Department of Transportation, and Bureau of Reclamation.

With participation by the Corps of Engineers, Department of Transportation, and private contractors, emergency repairs were rapidly initiated. Quick and effective response prevented flooding of nearby State Highway 4 and adjoining islands.

Emergency response included extended work shifts by crews of the California Conservation Corps, California Department of Forestry and Fire Protection staff, inmate crews of the Department of Corrections, on-scene flood fight specialists of the Division of Flood Management, and staff at the Flood Operations Center.

Governor Schwarzenegger on June 4 declared a State of Emergency in San Joaquin County to assure "that all necessary State resources are brought to bear in both the response to and recovery from this emergency."

On Saturday, June 5, the Governor, accompanied by DWR Director **Lester A. Snow**, took a helicopter flight to view the flooding and visited the levee break area to personally express his support for swift remedial action.

Quick evacuation of the resident farm population prevented any loss of human life and allowed farmers to remove much of their valuable equipment.

Impacts on wildlife in the flooded area were noted by officials of the Department of Fish and Game.

Subject to high water and wave action year around, Delta islands are vulnerable to flooding. DWR records document 153 floods of 108 Delta islands since 1900. Upper Jones Tract flooded previously in 1980 and 1906.



Left to Right: DWR Director Lester A. Snow, Governor Schwarzenegger, and Office of Emergency Services Director Henry Renteria visit Delta levee break. (Photo by Steven Hellon)

The breached Upper Jones Tract levee is privately owned. Maintenance is the responsibility of Reclamation District 2039.

Delta export pumping by both the State Water Project and the federal Central Valley Project was adjusted after the levee break to manage saline content of Delta water. Throughout the emergency, DWR has closely monitored Delta water quality.

Additional releases to assure good Delta water quality were made from the major upstream storage reservoirs, the CVP's Lake Shasta and Folsom Lake and the SWP's Lake Oroville. Normal Delta export pumping levels were resumed by mid-June.

Levee repair and island recovery costs will run into the tens of millions of dollars. No cause for the break has been identified.

Dozens of television news crews videotaped the scene and many print media reporters provided written coverage of the event.

On June 30th, the levee break was closed with about 215,000 tons of rock. President Bush issued a federal "major disaster" declaration on July 1. Dewatering of the island by Lodi's Ford Construction began July 12.

The Dutra Group used barges and cranes to begin filling the levee break. (Photo by DWR's Photography Unit)



Oroville's Mother Orange Tree

On May 1, the Butte County Historical Society, in conjunction with the City of Oroville Parks and Trees Department and the Oroville Area Chamber of Commerce, held a ribbon cutting ceremony honoring a scion from the original Mother Orange Tree. **Keith Johnson** from the Historical Society cut the ribbon honoring the scion planted on the lawn of the Butte Country Historical Society Museum. About 35 people attended the event.

The Mother Orange Tree arrived in Oroville in 1856 after Oroville Judge Joseph Lewis bought the orange tree seedling in Sacramento from a merchant from Mazatlan, Mexico. It was planted near the Bidwell Bar Bridge to commemorate completion of the bridge, and was popular among gold miners as a source of fresh oranges. The tree has survived being moved twice, once in 1862 to avoid the rising Feather River, and again in 1964 when the old Bidwell bridge area was flooded after the completion of Oroville Dam. The tree was then relocated to the headquarters of the California Department of Parks and Recreation in Oroville. There was concern about the condition of the tree after the move to DPR headquarters, so cuttings were planted in the Oroville area.

Right: Alberta Tracy, Butte County Historical Society President, stands next to the Mother Orange tree's scion.

Below: Butte County Historical Society Museum Curator Keith Johnson cuts the ribbon during the ceremony.



DWR's Blood Drive Collections for 2004 Top 190 Pints

The Matt Sugarman blood donation event in the Resources Building Auditorium on May 6 added 52 more pints of blood to the DWR Blood Drive. This brings year 2004 donations to over 190 pints. Previously, 141 pints were donated at two events earlier this year in January and March.



Graphic Designer Cordi McDaniel donated blood at the Matt Sugarman Blood Drive in May.

About 75 percent of donors at the Resources Building blood donation events are DWR employees. The

remainder come from other State departments in the downtown area.

"Blood donations help save lives," said **Lynne Bitnoff**, DWR Blood Drive Coordinator.

Remaining blood donation events in 2004 are scheduled for September 9 and November 9, all at the Resources Building Auditorium, from 8 a.m. to 3 p.m.

Donors must be in general good health, weigh at least 110 pounds, and be at least 17 years old (16 years with written parental/guardian permission).

For more information, visit the Blood Source Web site at www.bloodsource.org or email questions to blooddride@water.ca.gov.

DWR participates in WalkAmerica

DWR raised \$8,582.60 for March of Dimes' 2004 WalkAmerica Campaign. This represents a 46 percent increase over last year. DWR employees and their families participated in the five-mile walk on Saturday, April 24 in downtown Sacramento.

California Energy Resources Scheduling raised \$1,212, which was the largest amount raised by any division. **Kathryn Murray** of Management Services (who is in a special category of her own) raised the highest single amount of \$1,601, which was the highest amount that she has raised in her 17 years as a WalkAmerica participant.

Unlike past years, DWR for the first time held a book sale. Special thanks to State Water Project Analysis' **Terry Schultz** and her husband, Don for donating five boxes of books and other items for the book sale.

"This campaign was highly successful because of the enthusiasm and hard work of the committee members," said Office of Water Education's **Dorothy Benjamin**, who is DWR's WalkAmerica Chairperson. "Special thanks also goes to **Melvia Davis** for the outstanding job as the Co-Chairperson of the campaign."

The WalkAmerica donations support lifesaving research and innovative programs that save babies from pre-maturity, birth defects, and other infant health problems.



*WalkAmerica 2004 DWR participants included **Left to Right (Front Row): Kathryn Murray** of Management Services, **Rebecca Martello** of Fiscal Services, **Karen Cole** of Technology Services, **Rita Sanko** of Fiscal Services, **Dorothy Benjamin** of Office of Water Education, **An Nguyen** of California Energy Resources Scheduling. **(Middle Row): Richard Olebe** of Safety of Dams, **Marie Buric** of Land and Right of Way, **Cheryl Davis** of Fiscal Services, **Cindy Percival** of California Energy Resources Scheduling, **Param Dhillon** of Safety of Dams, **Brenda Hawthorne** of Executive. **(Back Row):** Retiree **Floyd Brooks** of Safety of Dams, **Kim Robinson** of Engineering, **Terry Schultze** of State Water Project Analysis Office, **Nic George** of Engineering, **Faye Portman** of Planning and Local Assistance, **Jimmy Yang** of Engineering, **Lynne Hermosillo** of California Energy Resources Scheduling.*

San Joaquin District's Walkathon

As part of national "Walk to Work Day," 11 San Joaquin District employees walked a mile around the Herndon Canal behind the district office on April 2.

"I enjoy being outdoors and getting lots of exercise. I want to encourage that in others," said **Paula Landis**, San Joaquin District Chief. "It was a pleasure to share this beautiful day with my colleagues. I'm also pretty passionate about ice cream, so that was fun to share after the walk."

The 25-minute loop began at 11:30 a.m. After the walk, Paula provided the ice cream and some of her staff brought toppings.

"We plan to do this walk next year, but next time we hope to have homemade ice cream after the walk," said **Amanda Peisch**, an Engineer with San Joaquin District.



*San Joaquin District Walkathon participants included **Left to Right (Front Row): Amanda Peisch**, **Ernie Taylor**, **Noemi Baca**, **Charyce Taylor**, **Karen Dulik**. **(Back Row): David Lara**, **Karen Brown**, **David Scruggs**, Chief of San Joaquin District **Paula Landis**, **Gerald Hatler**, **Julie Vance**.*

A Welcome Home

Associate Land and Water Use Scientist **Marc Anderson** of the Division of Planning and Local Assistance's Central District returned in May to his DWR assignment after 15 months of military service in Iraq.

In a room full of red, white, and blue decorations along with two cakes, Central District staff gave Marc a "Welcome Back" party on May 17.

"I could not have completed the mission without all the great support from DWR staff and my family," said Marc. "I really appreciated all that my Supervisor, **Ed Morris** and other DWR staff did for me when I was in Iraq. Vietnam veteran Ed and others really went out of their way to support me by sending me packages and keeping in touch with me."

Marc, a member of the California Army National Guard, served in Iraq as a First Lieutenant in the Army's 2632d Transportation Company.

He escorted more than 500 Iraqi trucking company employees, who transported military supplies from base to base. Along with his Iraqi translator, Marc traveled throughout the country. The 2632 T.C. performed 877 missions, escorting 9,024 vehicles over 2,151,695 miles of the dangerous Iraqi roads.

To Marc, the best part of his mission was when he asked his Iraqi translator if he would like to come to the United States. "My translator responded that it would be nice to go to the



Marc Anderson celebrated with DWR staff his return from military service

United States for the freedom, but he no longer needed to because the United States brought freedom to Iraq," said Marc. "My translator's comment really made me feel proud to have served this mission."

Marc, who has worked for DWR since November 2001, joined Central District's Water Management Branch in the Land and Water Use and Conservation Section in July of 2002. His assignment includes programming and maintenance of the California Irrigation Management Information System (CIMIS) stations in the North Coast valleys and Bay area.

"Although I really missed not being able to attend my five- and seven-year-old daughters' birthdays and performances, I was very proud to know my daughter tied a yellow ribbon on her harp when she performed. I could not have done it without the support from my wife and daughters," said Marc. "It was a real honor to be able to serve my country."

Mobile Equipment Shops recognized as "model shops"

Nine of DWR's 10 Mobile Equipment Office Shops throughout California were recognized as pollution prevention "model shops" by the Department of Toxic Substances Control. The shops are located in Oroville, Sutter, Castaic, Pearblossom, San Luis, Coalinga, Lost Hills, Bakersfield, and Sacramento.

DTSC's Office of Pollution Prevention and Technology Development's Vehicle Service and Repair Model Shop Project visits vehicle maintenance and repair facilities. The visits of the MEO Shops included the use of the P2 Opportunities Assessment for Vehicle Maintenance Activities and the Model Shop Pollution Prevention Checklist.

Among the various pollution prevention alternatives on the checklist that some of DWR's MEO Shops achieved included

"I am very proud our Mobile Equipment Shops for leading the way and demonstrating to other State agencies this program can be implemented."

—BRYON RUSH, CHIEF OF FLEET MANAGEMENT OFFICE

installing closed loop vehicle washing system, using re-refined oil, using industrial launderer for shop towels, and using a fully enclosed waste transfer system for waste liquids. If the shop receives 100 points out of the possible 225 points, and attends DTSC training, that shop becomes a model shop.

Model shop banners were presented to each winning MEO Shop in June.

DWR Observes Water Awareness Month

DWR employees throughout California held events in May to celebrate Water Awareness Month. The key message was "Use Water Wisely."

DWR joined with other water agencies in creating Water Awareness Month in response to California's drought of 1987-1992.

In 2004, DWR promoted three traditional special events at DWR facilities.

Oroville Dam Bus Tours

On Saturday, May 8, four bus tours of Oroville Dam were conducted. These tours were also part of Oroville's Feather Fiesta Days community celebration.

Oroville Dam, tallest in the United States, is a vital Northern California facility for the State Water Project. Completed in 1967, the dam created Lake Oroville, with a storage capacity of 3.5 million acre-feet. Lake Oroville is the second largest reservoir in California, surpassed in size only by the Central Valley Project's Shasta Lake near Redding.

The bus tour, which included a DWR tour guide, originated in downtown Oroville, crossed the top of the dam, and returned to downtown. During the trip, bus passengers viewed videotapes showing Oroville Dam's construction.

Student Day at Edmonston Pumping Plant

On Friday, May 21, approximately 250 students from schools in Taft, Maricopa, Elk Hills, and Buttonwillow participated in a special Water Awareness Day at the Edmonston Pumping Plant, south of Bakersfield, just east of Interstate 5.

This student day is a tradition sponsored by DWR's San Joaquin Field Division, which operates the pumping plant. Located at the foot of the Tehachapi Mountains, Edmonston pumps SWP water nearly 2,000 feet up and over the Tehachapi range for use in Southern California.

This event featured water safety and water conservation demonstrations, plus fishing at a special fish pond. Lunch, T-shirts, and water conservation handouts were provided.



At the entrance to the Oroville Dam Bus tours, Bob Lewis, a Control Systems Technician II with Oroville Field Division, conducts the Water Wheel quiz.



John Ford, a Guide at Oroville Field Division, talks to visitors about the Oroville Dam Bus tour.



Above: San Joaquin Field Division's staff taught students how to plant water efficient plants. Right: For the first time in their lives, many students got to catch a fish during San Joaquin Field Division's "Catch and Release" activity.



Fishing Day at O'Neill Forebay

On Saturday, May 15, the 15th annual Kids' Fishing Day was held at O'Neill Forebay near San Luis Reservoir. Largest offstream reservoir in the United States, San Luis Reservoir can store more than 2 million acre-feet of water. This event was limited to youngsters aged 15 and under. There was no fee for the event.

The event featured fishing, with prizes, for young anglers, with bait provided. Lunch was also served.

O'Neill Forebay provides excellent fishing, especially for striped bass.

This event was hosted by DWR, Department of Parks and Recreation staff and volunteers from the region. It was financed in part by the Four Rivers Natural History Association, along with contributions from area merchants and interested individuals.



Children enjoyed fishing at O'Neill Forebay.



San Luis Field Division Guide Eva McClelland handed out Frisbees during the 15th annual Kids' Fishing Day.



Fourth of July Fireworks light up Lake Oroville

For the ninth consecutive year, people from all over Northern

California traveled to Lake Oroville to watch the free Fourth of July fireworks. Oroville Field Division and Department of Parks and Recreation staff estimate that approximately 12,000 people attended the event, lining the dam and the surrounding hills, or watching the show from the lake on boats.

The half-hour pyrotechnic display was sponsored by the Sunrise Rotary Club of Oroville and the Department of Water Resources in cooperation with the California Department of Parks and Recreation, the City of Oroville and local businesses.

"Lake Oroville provides Northern California with one of the best fireworks displays in the area," said DWR's Oroville Field Division Chief **Dave Starks**. "The people who come have an opportunity not only to celebrate our nation's Independence Day but also to learn about the many recreational facilities within the Oroville Field Division."

On top of Oroville Dam, DWR employees helped to staff a booth where children could color banners with the theme "Having Fun at Lake Oroville." One of the banners will be displayed at the Lake Oroville Visitors Center.

"I'd say the event was a tremendous success. DWR worked with the Sunrise Rotary Club and other community organizations, the CHP, CDF, and DPR to hammer out logistics for the event to provide a safe and easily accessible event at one of California's engineering marvels to celebrate Independence Day at Oroville," said **John Ford**, an OFD Guide.

Lake Oroville State Recreation Area has been selected by the organization "Reserve America" as one of the nation's "Top 100 Family Campgrounds," based on criteria requested by family campers.

DWR Geologist Becomes Academic Pioneer

In May, Graduate Student Assistant **Robert Burns** of the Division of Safety of Dams' Geology Branch became the first person to graduate from California State University at Sacramento with a Master of Science degree in Geology.

Robert's interest in geology began at an early age.

"As a child, I remember always having a scientific interest," said Robert. "I remember how a National Geographic article on a volcanic eruption in Iceland in the early 1970's really caught my attention to strive towards a career in science. I also enjoyed watching the Cousteau Odyssey television programs."

In addition to his interest in science, Robert also had a strong interest in woodworking. This interest led him into a 13-year career of manufacturing guitars and other stringed instruments.

"Aside from the routine production, some of my custom projects included instruments for legendary bands like Van Halen, the Rolling Stones, the Red Hot Chili Peppers, and even musical cornerstones like Paul McCartney," said Robert. "In 1999, I decided to satisfy my scientific interests and achieve a Bachelor of Science in Geology."

Before achieving his degree in Geology, Robert began his DWR career as a Student Assistant in July of 2001. His assignments have included assisting staff with seismic hazard analyses and geologic site characterizations for dam sites. He has also

assisted with earthquake engineering research and in developing DSOD's GIS capabilities.

During his senior year at C.S.U.S., he measured suspended sediment concentrations in the Cosumnes River under varying flow conditions and used the data to estimate the modern vertical erosion (denudation) rate of the upstream drainage basin. During the summer of 2002, he also spent six weeks with Indiana University studying the northern Rocky Mountains in Wyoming and Montana.

"It was nice to get abstracts published and take my research projects to conferences," said Robert.

His thesis project in the graduate program was examining statistical development of flood magnitude and frequency equations for the Cosumnes and Mokelumne watersheds. In January of 2004, he also studied volcanic terranes in Mexico.

"When I can find spare time, I enjoy piloting airplanes, sailing, exploring my artistic side through photography and woodworking," said Robert. "My journeys often take me to geologically interesting places."



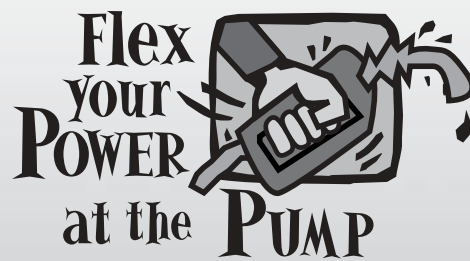
Flex Your Power at the Pump

With a 32 percent increase in gasoline and diesel prices in California from December 2003 to March 2004, the State of California has launched the "Flex Your Power at the Pump" campaign to help Californians use gasoline more efficiently this summer.

Following are some of the Flex Your Power at the Pump tips:

- Keep tires properly inflated to the recommended pressure.
- Observe the posted speed limits. It's safer and saves gas.
- Use the car's air conditioning selectively.
- Accelerate smoothly and brake gradually. It's safer, uses less gas, and reduces brake wear.
- Properly maintain your vehicle. Replace air and oil filters as recommended.
- Minimize the amount of time your vehicle idles. For example, consider parking the car instead of using the "drive-up" lanes.

To learn more about the Flex Your Power at the Pump campaign, visit the Web site at http://fypower.com/save_gasoline/.



Conserve Gas – Save Money

Logo by Grey Worldwide

DWR Scientists help write San Francisco Estuary Fish Book

Scientists in DWR's Division of Environmental Services have contributed research papers vital to creation of an important new book on the early life history of fish in the San Francisco Estuary and its watershed.

"This book contains more papers on fish early life history in the system than all previous publications combined," said **Fred Feyrer** of the DES' Aquatic Ecology Section, who is editor in chief of the book. "There is a great deal of interest in the system itself, as it is the largest estuary on the Pacific Coast of the United States."

Until now, limited research had been reported in individual papers but not collected in a single compendium.

"This book represents the largest single compilation of peer-reviewed papers on San Francisco Estuary and watershed fishes to date," states the book's preface.

Entitled "Early Life History of Fishes in the San Francisco Estuary and Watershed," the book was published in early 2004 by the American Fisheries Society. The AFS is the world's largest nonprofit organization for fish scientists.

The book grew out of a major symposium at the American Fisheries Society's 27th Annual Larval Fish Conference, held in August of 2003 in Santa Cruz.

"The book represents the proceedings from this symposium and contains 19 of the papers (in the form of chapters) that were presented," said Fred.

The book's ultimate goal is to contribute to a comprehensive understanding of the early life of fish in the San Francisco Estuary and watershed, which will contribute to the conservation and restoration of species and habitats. The book provides valuable background on the early life histories of many of the Delta's fish species, including native species, such as the Delta smelt, splittail, and Chinook salmon, and introduced species, such as striped bass and others.

The book's publication and symposium were conducted under the auspices of the Interagency Ecological Program (IEP), a group of State and federal agencies, as well as university and private scientists, collaborating on long-term monitoring and applied research in the San Francisco Estuary. The IEP funded publication



Left to Right (Front Row): Lenny Grimaldo, Fred Feyrer, Matt Nobriga. (Back Row): Steve Culberson, Randy Mager, Bill Harrell, Chris Enright, Ted Sommer. (Photo by Steve Payer)

"This book represents the largest single compilation of peer-reviewed papers on San Francisco Estuary and watershed fishes to date," states the book's preface.

of the book. Most papers in the book are based on IEP research. State agencies involved in IEP include DWR and the Department of Fish and Game (DFG).

In addition to Feyrer, editors included **Larry R. Brown**, U.S. Geological Society, **Randall L. Brown**, former DWR scientist and chief of the Office of Environmental Services, now with the California Bay-Delta Authority, and **James J. Orsi** of DFG.

Other DWR employees contributing include the following paper authors and coauthors: **Ted Sommer, Bill Harrell, Matt Nobriga, Lenny Grimaldo, Steve Culberson, Randy Mager, Rob Miller, Chris Peregrin, Zach Hymanson, Steve Zeug, Gavin O'Leary, Alicia Seesholtz, Brad Cavallo, Jason Kindopp, Ryon Kurth, Chris Enright, Callie Harrison** and **Zoltan Matica**. Many illustrations for the book were designed by **Joanne Pierce**.

As Governor, Ronald Reagan helped build California's State Water Project in 1970s.

As President from 1981 to 1989, Ronald Reagan is credited with destroying the Berlin Wall and, indeed, terminating Communism as a global political threat. Most commentators eulogizing Reagan after his death on June 5 praised his Presidential record.

However, as California's Governor from 1967 to 1975, Reagan helped build to completion California's State Water Project (SWP), while preserving North Coast rivers in their wild state, and rescuing from development pristine areas--Round Valley and Minarets Summit--prized for Indian and wilderness values respectively.

Reagan's solid environmental and water legacy in California has been obscured by time, to some degree, and overshadowed by his geopolitical accomplishments as the 40th US President. But his achievements rank as significant and memorable in State history.

Reagan's Role in Building the SWP

Construction of the SWP had begun before Reagan was first elected governor in 1966. Oroville Dam, for example, was almost complete by the time Reagan took his oath of office in January, 1967.

By Pete Weisser (As a reporter for the San Francisco Chronicle, Associated Press and Sacramento Bee, the author covered Ronald Reagan's two terms as Governor.)



As Governor of California in 1971, Ronald Reagan attended the startup of the pumps at Edmonston Pumping Plant.

Serving with Ronald Reagan, Governor and President: Reflections by former DWR Director William Gianelli

(Mr. Gianelli served as DWR Director under Ronald Reagan from 1967 to 1973. He generously wrote this memoir of his State and Federal service with Reagan, in response to an invitation from DWR NEWS/People magazine.)

My first contact with Ronald Reagan occurred on a December day in 1966 as I sat in my office as a Consulting Civil Engineer in the Forum Building in Sacramento. As I answered the telephone one morning, the caller identified himself as Ronald Reagan, the newly elected Governor. He would be taking office early the next month as Governor of California.

Reagan indicated that I had been recommended by several of his advisors to assume the position of Director of Water Resources in his new Administration. After recovering my composure, I suggested we discuss some of California's water

problems, particularly his views on the still-controversial State Water Project. While construction on the SWP had begun, it was confronted with a number of difficult problems, not least of which was the need for adequate funding to complete the Project.

Following our conversation, I agreed to accept the position as Director of Water Resources. I was to work with the Governor on California water policy issues in that capacity until 1973. This Reagan era included completion of the initial phase of the SWP's construction and first delivery of water to Lake Perris in Southern California.

However, the actor-turned-governor presided over key construction and development phases of the SWP. Under his leadership and that of his DWR Director, William Gianelli, DWR made rapid progress in constructing the SWP. Appointed by Reagan in January 1967, Gianelli served as DWR Director until 1973, and later performed in Reagan's first Presidential administration as Assistant Secretary of the Army.

Symbolic of Reagan's SWP leadership role were his 1967 dedication of Oroville Dam and his 1971 ceremonial starting of the pumps at Edmonston Pumping Plant.

By the early 1970s, however, the SWP faced a budget crisis, with a shortfall of about \$300 million projected by 1973. Reagan and Gianelli developed a successful financial plan—a sort of second mortgage—to provide a needed financial boost to the project, with some scaling back of the project design.

"One of the major concerns of the Reagan Administration" recalled Gianelli, "was whether or not adequate funds were available to complete the SWP so that the water and financial integrity of the Project could be guaranteed."

Reagan appointed a "citizens task force" to examine SWP financing.

Below: Ronald Reagan, who was the Governor of California, administers the oath of office to William Gianelli as DWR Director in 1967.



My first meeting with Ronald Reagan took place just before Christmas of 1966 at a press conference he had arranged at the Ambassador Hotel in Los Angeles. Thus began a relationship with Governor, and later President, Reagan, which lasted for some 23 years, ending with my resignation as Chairman of the Panama Canal Commission at the end of Reagan's second term as President.

"It concluded that the Department lacked adequate funds to complete the Project features necessary to guarantee its integrity," reported Gianelli.

With the commission's input, Reagan and Gianelli developed a strategic plan to provide the SWP the financial boost it needed. The plan was a blend of cutbacks from the original designs for SWP facilities, deferral of some facilities into the future, and a shot of additional revenue support.

"By rescheduling some of the Project features, securing additional tidelands oil revenues from the Legislature and utilizing revenue bond authority," recalled Gianelli, "the initial project facilities extending from Oroville Reservoir in the North to Perris Reservoir in Riverside County—a distance of over 600 miles—were completed in 1973."

(The tidelands oil revenue was a loan to the SWP, as noted by former DWR Director David N. Kennedy. It was repaid by the mid-1990s.)

Reagan was in his second term as governor when initial water deliveries reached southern California. Completion of the basic SWP facilities assured supplemental water supplies for many areas of need and fueled greater economic growth for the entire State.

> > > continued on next page

My journey with Ronald Reagan during those 23 years as one of his appointees entailed State assignments as Director of DWR, member of the Western States Water Council, member of the State Personnel Board, and member of the Public Employees Retirement System (PERS) and, in the Federal government, as Assistant Secretary of the Army for Civil Works, with jurisdiction over the U.S. Army Corps of Engineers and Arlington National Cemetery, and finally as Chairman of the Panama Canal Commission.

Throughout this period, I developed a tremendous respect and admiration for Ronald Reagan.

My major exposure to Ronald Reagan came during my tenure as Director of Water Resources. At the time of my appointment, Governor Reagan made it very clear that an adequate water supply for California was high on his priority list. While he was not an expert on the subject, he recognized the need to complete the State Water Project.

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Ronald Reagan as the Governor of California and William Gianelli as DWR's Director receive the Outstanding Civil Engineering Achievement Award from the American Society of Civil Engineers in 1972. The plaque is currently located in the DWR Director's reception area.

While the Peripheral Canal was never built, Reagan—like Governors Brown before and after him—was an advocate for that Delta water infrastructure.

In 1971, when the federal government voiced doubts about the canal's cost and effectiveness, Reagan announced that California would build the project on its own.

It is interesting to recall that Governor Reagan participated in each major milestone of the SWP, beginning with dedication of the Oroville Dam, then in ceremonies at the Delta Pumping Plant, the Edmonston Pumping Plant, and finally at Perris Dam and Reservoir in Riverside County.

My tenure as Director of the Department of Water Resources was not without problems and controversy. From the very beginning, Governor Reagan indicated that he would rely on me to provide guidance and leadership on the water issues of the State, particularly those issues involving the State Water Project. At that time, the most serious issue facing the SWP was the lack of adequate funding to complete the Project.

Based on my recommendations, the Governor created an SWP Task Force, composed of knowledgeable Californians to examine the status of the SWP, particularly from a financial standpoint. That Task Force concluded that the SWP would indeed run short of funds

However, as noted by historian Norris Hundley in his California water history entitled "The Great Thirst", Reagan eased off on the canal after Gianelli advised him it could be put on a deferred projects list.

Reagan saved Round Valley

During the 1970s, Reagan took action on other water and environmental issues of major policy significance. In 1971, he opposed a Federal plan to build a dam at Dos Rios on the Middle Fork of the Eel River. He based his opposition on the fact that the dam would have harmed Indian interests by flooding the Round Valley Reservation.

"The federal government had proposed to build a giant dam that would have flooded the entire valley," recalled Peter Hannaford, a

Reagan aide, "ranches, Indian burial grounds and all." The governor was emotionally moved by a visit from Indians opposed to the dam. He ordered DWR to work with the US Army Corps of Engineers to find an alternative. The Dos Rios Dam was never built.

In 1974, Hannaford reported, Reagan took a "sentimental journey" to Round Valley, accepting a long-standing invitation from the Indians to visit the valley he had saved for them.

before completion of the first phase of the Project's construction, in the amount of some \$300 million. This shortfall had to be addressed to assure the Project's completion and financial integrity.

As a result, Governor Reagan supported our efforts to temporarily scale back and delay some non-essential Project features, to secure additional tidelands oil revenues that had been diverted to other purposes, and to provide revenue bond funding for certain Project features.

In the early 1970s, Ralph Nader released a scathing report on the SWP. Among other things, Nader recommended that I be replaced by an economist. The Nader report was prepared by people not familiar with California issues. It was filled with inaccuracies and errors. The Governor strongly rejected Nader's recommendation and reaffirmed his support for me as Director.

Also in the early 1970s, the SWP was subjected to the first-ever strike by State employees, by hydroelectric plant

Reagan signed Wild Rivers Bill

In 1972, Reagan signed landmark water policy legislation, California's Wild and Scenic Rivers Act. Modeled on Federal legislation passed four years earlier, it prohibited major diversions from five Northern California rivers, most flowing to the North Coast. These rivers were: the Smith (then California's only major undammed river), Eel, American, Klamath and Trinity.

Aimed at meeting environmental goals of preserving the great North Coast rivers in a free-flowing natural condition, the legislation had the effect of removing them from possible development, as had been contemplated by SWP planners. As Gianelli recounted it in an article written in 2000, putting the North Coast rivers under Wild and Scenic Rivers protection essentially put them "out of bounds for SWP augmentations."

Several other major environmental laws took effect during Reagan's years as governor. They include the Porter-Cologne Water Quality Control Act in 1969, the California Endangered Species Act in 1970 and the California Environmental Quality Act (CEQA), also in 1970. CEQA requires State and local agencies to prepare environmental impact reports when activities of theirs impact the environment.

Minaret Summit and Tahoe Preservation

In 1972, Reagan led a pack trip into the eastern Sierra, as reported by Los Angeles Times columnist George Skelton, "to declare Minaret Summit south of Yosemite off limits to federal highway builders." Disney theme park planners had hoped to develop a recreational park at Mineral King in that Sierra setting. Central Valley interests also supported a high speed, trans-Sierra highway between the John Muir and Minarets wilderness areas. But Reagan, an enthusiastic horseman and trail-rider, had concluded the rugged Sierra region was better preserved as wilderness.

As recounted by Skelton in a 1997 column, Reagan "rode to a meadow beneath the Minaret Summit, dismounted and announced that he had persuaded the Nixon administration not to build the highway's planned initial leg". To help bury the road concept permanently, Reagan proposed joining the Muir and Minarets wilderness areas, which Congress eventually did, preserving the region in its natural condition.

Governor Reagan's list of environmental achievements also includes his founding with Nevada Governor Paul Laxalt, a friend and fellow first-term governor, of a bi-state Tahoe compact to help preserve Lake Tahoe.

operators. This strike came at a critical time for the Project as the Department was constructing essential Project works south of the Tehachapis. The Governor issued an ultimatum to the striking State employees that they would be terminated if they did not return to work promptly. They all returned within the time specified by the Governor.

There were a number of other events that occurred during completion of the initial features of the SWP and its operational start that required the Governor's attention.

Without his intervention, his involvement and support of me and the Department, I have some doubt whether the SWP would have been completed and placed in operation in the timely manner it was, thus assuring its financial and water integrity to serve the people of California.

It was a tremendous honor and privilege to have served under Governor Ronald Reagan as his Director of Water Resources.

EDITOR'S NOTE: Ronald Reagan greatly appreciated Gianelli's service as DWR Director. In August, 1973, as Gianelli prepared to leave the DWR Directorship, Governor Reagan sent him a cordial and laudatory thank-you letter. A quotation from that letter is reproduced here:

"When I appointed you as Director of Water Resources in December 1966, many knowledgeable people predicted that the Water Project would never be finished, or that if it was, there would be a deficit in excess of \$300 million. Under your careful management, the project has been successfully completed, there is no deficit, we have \$165 million available to finance future additions, and there has been no drain on the General Fund. This has been virtually a fiscal, engineering and management miracle."

Mr. Gianelli last saw Ronald Reagan in 1984 at the White House, where the President had summoned Gianelli to thank him for his service. Gianelli left full-time Federal duty at that time to return to California due to his wife's serious illness. However, he remained Chairman of the Panama Canal Commission until the end of Reagan's second term as President. The commission had policy responsibility for many vital functions of the canal, its operations and toll systems. Now retired, Gianelli lives in Pebble Beach.)

Learning about Australia's Water System

For six weeks from February to March, Right of Way Agent **Alesia Rogers** of the Division of Engineering's Real Estate Branch took a leave from her DWR assignment to learn about Australia's water system and lifestyle.

Alesia, who has worked on various real estate assignments for DWR during the last three years and has a Bachelor of Arts in Political Science from Sonoma State, was sponsored along with three other California team members by Rotary International to participate in the Group Study Exchange program. The Rotary Foundation, a nonprofit corporation, finances the Group Study Exchange program between Rotary Districts around the world.

After their 14-hour flight to Australia, Alesia and her three team members spent their first four days on their own time in Sydney, New South Wales. Then, they began their program in Melbourne, Victoria. Melbourne, which is the second largest city of Australia, is the capital of the State of Victoria. Their final stop was the island State of Tasmania.

"I've visited other countries in the world, but my trip to Australia was unique because I was speaking five nights a week to large groups about California's water system and the life and culture of the United States," said Alesia. "It really helped me improve my skills in public speaking and learn more about water issues."

During Alesia's travel in Australia, she made presentations on California's water system to the U.S. Consulate in Australia and at the Melbourne Area Rotary District 9810 Conference to more than 400 people.

Alesia also learned a lot about the State of Victoria's geography, which has similarities to California's geography of rolling hills and valleys. From the water catchments to aqueducts, Alesia toured more than seven water authorities in southern Australia. Her visits included the Melbourne Water Authority, the Western Water Authority, and Goulburn-Murray Water Irrigation District.

"Many new Australian homes have two water lines, which includes one for potable water and one for recycled water that is used for watering gardens, washing clothes, and flushing toilets," said Alesia.



***Above:** Alesia Rogers spoke about California's water at the Rotary District Conference in Tasmania. **Below:** Alesia Rogers along with Retired Engineer Ken Schilling of the State of Victoria visited a weir near the city of Bendigo.*

Most of Victoria's reservoirs are located in higher elevations in protected catchment areas. The city of Melbourne is serviced by a system of gravity fed pipelines and aqueducts. Therefore, they do not require as much power as California to pump their water. Since reservoirs are not used for recreation, water in Victoria does not require as much filtering and chemical treatment.

"To adapt to its rural location in the bush, Goulburn-Murray Water Irrigation District uses a solar powered and fully automated water delivery system," said Alesia.

Alesia's program was full of presentations and water system tours, but she did get to enjoy the Australian lifestyle along with observing many of the country's unique animals.



Meritorious and Unit Citations

Congratulations to the following DWR employees for all their hard work. The following outstanding DWR employees received awards for their dedication, talent, professionalism, enthusiasm, and pride in their work.

Meritorious Service Awards recognize exemplary job performance or outstanding contributions to Department programs. Unit Citations are presented to sections, units, or groups (including task forces), that solve a particularly difficult problem.

Meritorious Service Awards

California Energy Resources Scheduling's Administration Branch

Joanna Gonzales and **Cheryl Atkinson**, Associate Governmental Program Analysts; **Cindy Percival** and **Stephanie King**, Staff Services Analysts; and **Lynne Hermosillo**, Management Services Technician, for their exemplary performance, outstanding contributions, and dedication supporting the administrative operations of California Energy Resources Scheduling in the areas of human resources, management analysis, budget and program control, and contract administration.



Left to Right (Front Row):
Cindy Percival, Cheryl Atkinson,
Joanna Gonzales. **(Back Row):**
Stephanie King, Deputy Director for
CERS Pete Garris, Lynne Hermosillo,
Chris Demes.

Meritorious Service Awards

Division of Planning and Local Assistance



Janiene Friend

For exemplary work as Executive Secretary to the Division Chief in keeping the Division running smoothly and coordinating the support staff during difficult budget times.



Mathew Filice

For exemplary work in providing experienced technical expertise for the Central California Water Management, Fish Passage Improvement, and the California Water Plan Update programs.



Noemi Baca

For exemplary work as Secretary to the San Joaquin District Chief and in coordinating the work of the District's support staff to make sure that all work is completed in a timely manner.



Jim Ham

For exemplary work in developing, putting into service, and maintaining the correspondence, purchasing, and sign-out board databases for the Northern District.



Amarjot Bindra

For exemplary work in the completion of numerous technical studies for the In-Delta Storage Project.



David Schaap

For exemplary work in advancing the Surface and Groundwater Data Section programs.

Unit Citations

Division of Planning and Local Assistance

Loans and Grants Section

For exemplary work in managing the Loans and Grants Program, which administered over \$1.0 billion of bond funds.



***Left to Right:** Edna Smith, Shannon Burns, Varda Disho, Dottie Tarleton-Rush, Christina Kuo, Kathryn Stacconi, and Mary Berkowitz.
(Not in photo: Linda Buchanan, Adrienne Carter, Dave Rolph, and San Joaquin District's Gary Shanks)*

Publications Unit

For exemplary work toward researching, reviewing, and producing the Department's publications.



***Left to Right:** Gretchen Goettl, Nikki Blomquist, Mike Durant, Marilee Talley, Brenda Main.
(Not in photo: Carole Rains, Alice Dyer and Patricia Cornelius)*

Unit Citations

Division of Planning and Local Assistance Fish Passage Improvement Program

For exemplary work in managing the work of the Fish Passage Improvement Program, providing environmental and engineering support to federal, State, and local agencies, and producing Bulletin 250 – Fish Passage Improvement.



Left to Right: Ted Frink, Debbie Carlisle, Varda Disho, Chris Lee, and Leslie Pierce.

(Not in photo: Lee Chang, Bill Peach, Matt Filice of Central District, Ginger Lue of Central District, Matt Nolberg of Central District, Curtis Anderson, Kevin Dossey, William McLaughlin, Nancy Snodgrass of Northern District, Alex Begaliev, Karen Brown, Kevin Faulkenberry, Gerlad Hatler, Robert Lampa, Ed Perez, Amanda Peisch, Paul Romero, John Shelton, Byron Willems of San Joaquin District, Douglas John, Brian Moniz, Mary Miller, Susan Woolam of Southern District, Christopher Wilkinson of Environmental Services, Erika Kegel, and Glenda Marsh)

Bulletin 118

For exemplary work in developing the Department's Bulletin 118-03 (Groundwater Update).



Left to Right: Tanya Meeth of Central District, Ilene Wellman-Barbree, Mary Scruggs, Gretchen Goetti, Carl Hauge, Marilee Talley, Mark Souverville of Central District, Tom Hawkins, Chris Bonds of Central District, Bill Waggoner of Central District, Joe Yun, and Derick Louie.

(Not in photo: Alice Dyer, Nancy Pashugin, Toccoy Dudley, Noel Eaves, Bill Horn, Dan McManus, Debbie Spangler, Kelley Staton, Charlene Sundermann, Mike Ward of Northern District, Noemi Baca, Ben Igawa, Paula J. Landis, Anna Mancillas, Brian Smith, Al Steeler, Ken Winden of San Joaquin District, Bill Brewster, Sandra Maxwell, Solomon Mesghina, Bob Niblack, Anne Roth of Central District, Gary Guacci, Richard Lewy, Brian Moniz, Bob Pierotti, Tim Ross, Jen Wong of Southern District, Linda Ackley of the Office of the Chief Counsel, Xiaojun Li of Office of Water Education, Joanne Pierce of Office of Water Education, Doug Osugi of the Salton Sea Office, Robert Swartz of DWR Emeritus, former DWR employee Dan Gamon, former DWR employee Monica Lee, former DWR employee Amanda Mayes)

Unit Citations

Division of Management Services Materials Management Unit

For the exemplary customer service provided to the Office of Water Education in organizing and assisting with the relocation of its Publications Inventory.



Left to Right: Chief of Departmental Services Office Tom Speer, Jeffrey McCallister, Edward Locks, Clint Walker, Richard Flores, Chief of Management Services Jim Libonati, and Chief of Purchasing Services Dave Kearney.

Contracts Services Office

For exemplary work in the processing of more than 1,000 contracts annually, providing support to meet the Department's goals, and assisting in the development of the Contracts Information Tracking System.



Left to Right (Standing): Chief of Departmental Services Office Tom Speer, Shannon Lee, Ann Valdez, Chief of Contract Services Lynne Baker, Kimberly Deane, Germaine Gordon, and Chief of Management Services Jim Libonati. (Sitting): Chris Verdin, Deanna Sesso, Maria Gomez. (Not in photo: Chanda Nelson, Peter Villanueva)

Certificate of Appreciation

State Water Project Analysis Office

Relicensing Coordination Unit

For exemplary work toward renewing the Federal Energy Regulatory Commission license to operate the Oroville Facilities.



Left to Right (Standing): Deputy Director Tom Glover, Ted Alvarez, Christina Acken, Sue Larsen, Jim Upholt, David Lane, Mark Andersen, Melanie Baillie, Lori Brown, Lupe Zamudio, Ralph Torres, and Dan Flory. (Not in photo: Raymond Valdez)

Twenty-five Years of Service



Bruce Agee
Environmental Services
Staff Environmental Scientist
May 2004



Ed Beenau
Management Services
Staff Information Systems
Analyst
June 2004



Pamela Borba
San Luis Field Division
Water Resources Engineering
Associate
June 2004



Ignacio Carrillo
San Joaquin Field Division
Utility Craftworker
May 2004



Arthur Demayo
Delta Field Division
Senior Hydroelectric Plant
Operator
June 2004



Kevin Elcock
Flood Management
Senior Engineer
June 2004



Ali Ghorbanzadeh
Bay-Delta Office
Senior Engineer
July 2004



Don Hatch
Technology Services
Staff Programmer Analyst
December 2003



Tony Mejia
Bay-Delta Office
Water Resources Technician II
April 2004



Joseph David Mello
San Luis Field Division
Transportation Land Surveyor
(Precise Surveys)
June 2004



Deborah True
Management Services
Labor Relations Specialist
July 2004



Steve Verigin
Executive
Acting Chief Deputy Director
May 2004



Mike Zumot
Safety of Dams
Senior Engineer
May 2004

Forty Years of Service



Malcolm Gee
Engineering
Water Resources Engineering
Associate
July 2004

McGeorge Law School invites donations

for B. Abbott Goldberg Scholarship Fund

McGeorge Law School has extended an invitation to DWR staff to make donations to a scholarship fund honoring **B. Abbott Goldberg**, a former DWR Chief Deputy in the early 1960s and a prestigious water rights attorney for the State of California.

As a State Deputy Attorney General from 1948 to 1961, Goldberg won two vital water rights cases before the U.S. Supreme Court and litigated three major cases dealing with the State Water Project that went to the California State Supreme Court. As a Deputy AG and later as a DWR official, he played a key role in developing, financing and constructing the SWP.

"There wouldn't be a California Water Project if it hadn't been for Abbott Goldberg," former Governor Edmund G. (Pat) Brown commented in 1976.

After leaving DWR, Goldberg served as a judge in Sacramento, first in Municipal Court in 1966 and later in Superior Court. Upon retiring from the judiciary in 1988, he became a Scholar in Residence at McGeorge.

Goldberg died on May 10, 2003.

McGeorge Dean Elizabeth Rindskopf Parker invited donations from DWR.

Dean Parker reported that Abbott's friends and family have helped raise over \$15,000 for the fund. But more is needed, she said, "to fully endow this perpetual legacy to Abbott and begin making annual scholarships in his name to worthy students".

"Donations made payable to McGeorge School of Law and designated for the B. Abbott Goldberg Scholarship Fund are tax-deductible," said Parker. They may be sent to **McGeorge School of Law, 3200 Fifth Avenue, Sacramento, CA 95817.**



DWR Alumni Club Events

On September 9th, the DWR Alumni Club's Annual Picnic will be held at Howe Park. The cost is \$7 per person. To signup for the catered picnic, email **Larry Gage** at **laliga@winfirst.com** before September 1.

On November 9 and 10, the DWR Alumni Club has scheduled a trip to Hearst Castle including free time in Carmel. The cost is \$175 per person double occupancy (add \$45 for single occupancy). Payment is due by September 17 to Jake Angel at (916) 421-2304.

DWR Women's Club luncheons are held on the third Tuesday of each month at JJ North's, 1030 Howe Avenue. Arrive no later than 11:30 a.m.

DWR's Professional Engineer Graduates



Thomas Darlington
Engineering
Mechanical Engineer
October 2003



Bill Gow
Engineering
Associate Electrical Engineer
October 2003



Melissa McKeand
Engineering
Electrical Engineer
October 2003



Pedro Santos Jr.
Engineering
Electrical Engineer
October 2003



Robert Lampa
San Joaquin District
Civil Engineer
June 2003



Byron Willems
San Joaquin District
Civil Engineer
January 2004

Retirements



Richard Baines

After working for DWR's Division of Safety of Dams (DSOD) during 25 of his 41 years of State service, Supervising Engineer **Richard Baines** can look back on a successful career that began after responding to a job vacancy for an engineer that a friend suggested he check out at the Department of Water Resources.

He joined DSOD as a Field Engineer in 1979. He was promoted in 1994 to the position of Area Engineer, and soon was promoted to Supervising Engineer.

"The professionalism of the people in Safety of Dams was great," said Richard. "I really enjoyed working with everyone."

Richard worked for the most part in Area Three, the northeast area of the State, which includes the Oroville complex. He also worked on Oroville Dam and the Thermalito Complex.

One of Richard's chief accomplishments was being the State representative involved in the planning and construction of Seven Oaks Dam on the Santa Ana River in conjunction with the U.S. Army Corps of Engineers. He spent seven years on the project. The project is located in San Bernardino County, and provides flood control for the area residents.

As for retirement plans, Richard plans to work as a salesman for his son, who owns two tool franchises.

"I wanted to do something completely different, and it's a good way to get close to my son and have some fun," said Richard.

Eventually, Richard and his wife plan to travel.

"Maybe we'll do the whole RV thing," said Richard.

Retirements



Norma Beck

Norma Beck, Program Manager of DWR's Water Safety and Exhibits programs and the Department's former Tour Coordinator, retired at the end of March with 30 years of State service and a career full of opportunities.

"Of all my jobs, my DWR assignments gave me the most opportunities for

promotions along with meeting some of the greatest DWR employees," said Norma.

Although Norma's initial goal in life to become a schoolteacher was not attained, DWR helped her with many other achievements that she never dreamed about.

Norma's State career began as a Clerk Typist for the Department of Mental Hygiene in Norwalk, where she reviewed admission charts and typed daily census reports. She later worked for the Workmen's Compensation Appeals Board and the Employment Development Department.

Her DWR career began in 1980 as an Office Assistant at San Joaquin Field Division's switchboard in Bakersfield. Norma was

promoted to Office Technician for the Operations Branch and later Engineering Section. In 1981, she took a Training and Development assignment as Tour Guide.

"At first, I thought, 'Yuk...motors, pumps, and discharge valves was not a subject that could ever interest me,'" said Norma. "After my first tour of Edmonston Pumping Plant, I was so impressed with the entire plant that I knew I had to stay."

Norma was hired as a Tour Guide II in 1983. She provided tours of Edmonston Pumping Plant to visitors, including retirees, students, water agency staff, and VIPs from all over the world.

In 1988, she moved to Sacramento to work as a Tour Coordinator for the Department in the Office of Public Information and Communications (now known as the Office of Water Education). In addition to providing DWR tours for foreign visitors, Norma began coordinating Delta Tours for DWR employees and visitors in 1993. After her promotion to Associate Governmental Program Analyst, Norma became DWR's Water Safety Program Manager.

In retirement, Norma will begin making personal tours nationwide. "I have many relatives and places to visit throughout the United States," said Norma. "During this summer, I will be going to Santa Fe, New Mexico to hear my nephew sing in the Opera. I'm also planning trips to the Amish Country, Mardi Gras, Walt Disney World."



Doris Leonetti

After 14 years spent with DWR in the Fiscal Services Division, Accountant **Doris Leonetti** is ready to enjoy her mornings sleeping in.

"I'm going to throw my alarm clock away", said Doris.

Doris started her 25-year career as an Intermediate Typist at the Department of

Mental Hygiene and as an Office Assistant and Account Clerk at the Department of Fish and Game before receiving her promotion to Account Technician and her transfer to DWR. She

worked for Accounts Payable for five years and Employees Payable for over nine years.

Doris began her work at DWR paying vendor bills in Accounts Payable before being promoted to Accountant I in the Travel Unit. Her many duties included working with airline bills, car rentals, travel expense claims, and travel advances.

"In this capacity I have been able to meet many of the employees. These people have become friends and I will miss each and every one of them," said Doris.

After retirement, Doris intends to, "travel a little, take a few art classes, and maybe some sewing/craft classes. I also am going to relax and read a lot."

Retirements *continued*



Marsha Prillwitz

When **Marsha Prillwitz** retired in May 2004, ending 25 years of State service, she took with her proud memories of two decades of water conservation leadership with statewide and international influence.

Marsha was Chief of DWR's Office of Water Use Efficiency during 2003-2004, directing

activities to improve efficiency of water use and increase use of water recycling and desalination in California. Previously, from 2000-2003, she was a Senior Environmental Scientist in the Office of Water Use Efficiency. Here, she was responsible for creating and managing a new multi million dollar Water Use Efficiency Grant Program and coordinating water use efficiency efforts with CALFED and key stakeholders in California's water community.

"During the past 20 years, my professional career has focused on the promotion of sustainable water use practices and an integrated approach to resource management," said Marsha. "Every day, I have had the opportunity to learn something new and to contribute toward a sustainable water future for California."

"In addition to working for the people of California, I have carried the water conservation message throughout the United States and internationally to Brazil, Argentina, Uruguay, Mexico, Canada, South Africa, Italy, France, and Spain," said Marsha.

As a water conservation program manager, she said she especially enjoyed "writing, speaking, mediating, initiating new programs and most recently managing staff."

During 1985-1996—a period embracing California's most recent major statewide drought from 1987-1992—Marsha was an Environmental Specialist and Landscape Program Manager for DWR's Water Conservation Office.

Her major conservation accomplishments included managing the design, development, and promotion of the Landscape Water Management Program, now an international irrigation industry training and certification program, and achieving adoption of California's Model Water Efficient Landscape Ordinance and Gray water Standards. She directed research on landscape and agricultural water management projects, developed special training for Spanish-speaking irrigators and the California Conservation Corps, and created the Eco Lab program with a resource recovery district.

"My first love at DWR was water wise gardening," recalled Marsha, a University of California Master Gardener since 1980. "I feel happy when I see a new landscape going in with carefully irrigated trees and plants that thrive in the local climate."

Marsha has actively cultivated her gardening and conservation interests through the years, as a gardening columnist for the Sacramento Bee, and the author of two books, "Growing Dinner" and "Growing Vegetables California Style." She is a 1979 graduate of California State University, Sacramento, where she majored in Environmental Studies.

From 1996 to 2000, on loan from DWR, Marsha served as an Environmental Specialist at the Bureau of Reclamation. During this time, she represented the Bureau in CALFED Water Use Efficiency negotiations, took part in water use efficiency committee meetings regarding urban, farm and recycling water issues, and contributed toward drafting the technical appendix to the 2001 Record of Decision, an important planning document for CALFED.

Marsha came to DWR initially in 1985 after working as an Intergovernmental Program Analyst for seven years in the Governor's Office of Planning and Research.

"During my time at the Department of Water Resources, I have been fortunate to work with very talented, dedicated, and entertaining people," stated Marsha. "There are great thinkers and doers in the water community, and, fortunately, big dreamers, too."

Though she professes to have no specific retirement plans, Marsha said: "I'm hooked on water, and anticipate that I will continue to be involved in water management issues for years to come, one way or another."



Rosemary Thomas

Being DWR's Mentor Program Coordinator was one of the most memorable assignments that **Rosemary Thomas**, Associate Governmental Program Analyst in Executive's Equal Opportunity and Management Investigations Office, held during her 31 years of State service.

"I enjoy meeting and helping people," said Rosemary. "'It was very rewarding to see this program develop in the magnitude that it has. We started one of the first Literacy Pal Programs at Jedediah Smith Elementary School and now DWR has a second Literacy Pal Program at a school near the Joint Operations Center.'"

Before joining DWR in 1989, Rosemary worked for the Employment Development Department, Department of Justice, State Compensation Insurance Fund, and Health and Welfare Agency Data Center.

Rosemary's DWR career began as an Associate Personnel Analyst for the Personnel Exam Unit. After two years, she transferred to the Equal Employment Office (now known as the Equal Opportunity and Management Investigations Office). In addition to being coordinator for more than 200 mentors in DWR's Mentor Program, Rosemary also coordinated the "Take Your Child/Mentee to Work Day."

"Although I had to work long hours to prepare for 'Take Your Child/Mentee to Work Day,' it was fun and very rewarding when I received positive feedback from the parents, grandparents, and others," said Rosemary.

With her retirement in June, Rosemary's first plans include sleep and rest. Then, she plans to startup her business called "Essence and Excellence," which is a meeting and event planning business. In addition to caring for her mother and volunteering as Christian Education Director at her church, she will also play the piano.

"Playing the piano relaxes, and provides me with a calmness. One thing I know for sure is that I will not be sitting around twirling my thumbs," said Rosemary. "'I will have plenty to do and enjoy. After 31 years, I desired it.'"



Blaine Oliver

Utility Craftsworker **Blaine Oliver** retired in July from Flood Management's Sutter Maintenance Yard after 24 years of working at various DWR locations.

"The people that I worked with at DWR are the most outstanding bunch of people that I've worked with in my whole life," said Blaine.

After attending high school in Marysville, Blaine enlisted in the Marine Corps in 1960. He was on combat alert during the Cuban Missile Crisis and was discharged from the Corps in 1965. "I felt I could do more for my country, so I joined the Navy in 1967," said Blaine. Blaine served two tours of duty in Vietnam as a Seaman aboard a special warfare combat craft patrolling the Mekong Delta.

In 1979 Blaine began his DWR career in Bakersfield at San Joaquin Field Division's Edmonston Pumping Plant as a Building Maintenance Worker. Blaine's desire to work outdoors took him to Delta Field Division in Byron.

His next transfer was to Sutter Maintenance Yard as a Utility Craftsworker in 1986. As part of Maintenance Crew III, he worked primarily as a heavy equipment operator in flood maintenance and prevention.

Blaine was involved in the major Sacramento Valley flood fights of 1986, 1995, and 1997. "A lot of lives could have been lost if not for the diligent work of numerous folks," said Blaine. "Driving along the levee during the floods of 1997 was the first time that I really learned the meaning of being scared," said Blaine.

Blaine and his wife Madeline, who have been married for 34 years, have a son Derek, who will be attending college in the fall. Blaine's first priority in his retirement is to visit his family in the South with his twin brother and to do genealogy research. In addition to continuing his community service with Sheriff's Team of Active Seniors, Blaine will also continue his hobbies of woodworking and motorcycling.

Retirements *continued*



Tim Todd

Like many other children, **Tim Todd** enjoyed playing outdoors and collecting rocks. However, Tim never imagined his love for rocks, dirt, and the outdoors would lead him into a long career in geology.

In the 1970s, Tim began his State service as a gardener on a college campus. Then, he worked for the U.S. Forest Service as a Forest Ranger. For 15 years, his assignments included firefighting and laying out timber sales.

After changing his studies from Forestry to Geology, Tim graduated from California State University, Sacramento with a Geology degree. His next assignments included being a Well Logger for Strategraphic Well Logging and a Geologist for Kleinfelder Geotechnical Engineering. As a Mud Logger, he logged mud oil and gas content of mud samples. As a Geologist for Kleinfelder, he took geologic samples at many construction sites.



Phil Wendt

"I will miss the people and the work we did," said **Phil Wendt**, Chief of the Division of Environmental Services' Office of Water Quality, as he closed out a 22-year DWR career in April.

Wendt started at DWR's Central District in 1981, working on the Los Vaqueros

Reservoir Project component of the Peripheral Canal Program. When the electorate cancelled that project, Phil moved on to other issues, including Delta planning programs that dealt with such matters as water conservation grants and loans, and served as an expert striped bass witness during the State Water Resources Control Board Bay-Delta Water Rights hearings.

Wendt also managed the Environmental Water Program under Assembly Bill 444 that resulted in a long-term agreement with

"When I joined DWR in 1991 as an Engineering Geologist, I was given a paper, pencil, ruler, and scissors to log and record my geologic information," said Tim. "Now, all geologic information is entered into a computer program."

Tim's first assignment with DWR was the initial geologic exploration for the Coastal Branch Aqueduct. He has also worked on the San Bernardino Tunnel Reconstruction, South Delta Barriers, East Branch Phase II, Sites Reservoir, and South Bay Aqueduct Phase III.

During Tim's last three months at DWR, his assignment on the South Bay Aqueduct Phase III was to log the initial geologic exploration of the new pipeline from Bethany Reservoir to the Terminal Tank near San Jose. Tim's other assignments included Aqueduct repairs and flood response.

"During floods, I drove in windy, rainy, muddy, and dark conditions along the Delta levees in search of any levee breaks," said Tim. "When I felt the vehicle's tire lower because of a hole, I knew that was a location worth looking at."

As a Geologist, it comes naturally for Tim to work enjoyment of nature into his retirement plans.

"I plan to continue prospecting for gold and diamonds, making oil paintings of landscapes, and playing the guitar," said Tim, who retired in May.

the Los Angeles Department of Water and Power to protect Mono Lake.

Phil and his wife have established their retirement home at the picturesque Sea Ranch community on the north Sonoma County coast. There, he plans to concentrate on his longtime hobby of designing and building custom furniture, with the possibility of marketing his work.

They will also do some traveling. Initially, Phil and his wife intend to stay in the U.S., spending time with family members on the East Coast. Later, a drive up the Pacific Coast into Canada is likely. A trip to Europe is on the radar screen for next year, focusing on England and Wales.

For Phil, his two decades with the Department produced lasting memories and heartfelt appreciation for his associates. "I've always been very proud to say I worked at DWR," said Wendt. "The caliber of people here is first rate. I enjoyed the multidimensional environment, working with engineers and scientists to solve problems, and I've always been impressed with the ability of DWR people to take on difficult issues and find solutions."



Walter Lambert

Walter Lambert began his more than 26 years at DWR working at the Hood Test Facility.

"I enjoyed working on the initial studies for the construction and modification of the Hood Test Facility," said Walter. "While working at the facility, one of my assignments included daily

tests of water flow measurements during the fishery studies at the facility."

Before joining DWR in 1970, Walter worked nine years for the Division of Highways in San Bernardino and part of Riverside counties. From 117-degree temperatures to flash floods, Walter worked in extreme weather conditions to complete his assignments.

"During flash floods, I operated heavy equipment, repaired damaged bridges, boxed culverts, and highways," said Walter. "I also worked on the construction of I-40 and I-15."

With a desire to change his career, Walter came to DWR as a Water Resources Technician at Central District. In addition to the Hood Fish Screen Test Facility, he was also assigned to the Suisun Marsh; the DWR sampling vessel called the "San Carlos," as a water quality crewmember and operated numerous watercrafts. While assigned to Suisun Marsh

Program, Walter assisted in installing numerous tide stage stations and continuous monitoring stations for salinity studies.

In his last assignment with the Division of Environmental Services' Municipal Water Quality Field Investigations Unit in West Sacramento, Walter designed a 25-foot sampling vessel named "The Monitor" along with six mobile laboratories, used exclusively in field operations.

"Some of the water quality sampling devices that were designed are still in use today, such as a Benthic Sampling device used on the San Carlos," said Walter. "Decanters and magnetic stirrers are presently in use with the field unit."

Walter was assigned to almost every major flood event since 1983. "In 1995, I was assigned to Twitchell and Sherman Islands," said Walter. "I watched and helped with a voluntary evacuation of Twitchell, ordered sandbags, and supervised California Conservation Crews during the flood fight at both islands."

He also wrote damage survey reports for FEMA during three national disasters, the Loma Prieta earthquake, Oakland Hills fire, and Northridge earthquake.

Walter's retirement plans include continuing to work part time for FEMA. However, he won't be working for FEMA in California.

"My lovely wife and I will relocate to the beautiful 'Ozark Mountains' in Southwest Missouri," said Walter, who retires in July. "It has been a good ride the last 33 years. However, it is time to stop the train and let this passenger off. I will miss my friends and colleagues. As I always say, old DWR employees never die, but they just fade into the beautiful Ozarks."

Retirements

Michael Bonner
Flood Management
Senior Engineer

Douglas Bowlan
Operations &
Maintenance
Chief Water & Power
Dispatcher

William Coelho
San Luis Field Division
Utility Craftsworker

Audrey Cooper
Delta Field Division
Office Assistant (Typing)

Barbara Crawford-Shelnutt
State Water Project Analysis
Office
Research Analyst II
(Economics)

Alice Dyer
Planning and Local Assistance
Research Writer

Arnulfo Espinoza
San Joaquin Field Division
Utility Craftsworker
Supervisor

Susan Francia
Delta Field Division
HEP* Operator

* Hydroelectric Plant

Linda Fuller
Operations &
Maintenance
Associate Governmental
Program Analyst

Grace King
Oroville Field Division
HEP* Operator

Timothy Todd
Engineering
Engineering Geologist

Alfred Weber
Operations &
Maintenance
Electrical-Mechanical
Testing Tech.

Any DWR Retiree, who would like to join DWR's Alumni Club or to be added to the DWR Alumni mailing list, contact **Bob Bailey** at (916) 961-1897 or email bbbailey@sprynet.com

New Hires

Daniel Ellison
Delta Field Division
Mechanical & Technical
Occupational Trainee

Joel Galyan
San Joaquin Field
Division
HEP* Mechanic I

Jewel Huckaby
Delta Field Division
Maintenance & Service
Occupational Trainee

William Osuch
Oroville Field Division
Mechanical & Technical
Occupational Trainee

Arnold Over
San Luis Field Division
HEP* Electrician I

Aaron Page
Delta Field Division
Maintenance & Service
Occupational Trainee

George Samarin
San Joaquin Field Division
HEP* Mechanic I

Kambrin Tinkle
San Joaquin Field
Division
HEP* Electrician I

Nancy Westover
Southern Field Division
HEP* Operator

*Hydroelectric Plant

**INFORMATION
PROVIDED BY DWR'S
PERSONNEL OFFICE**

Obituaries

Senior Hydroelectric Power Utility Engineer, Supervisor
J. David Bonaly died in Grass Valley on April 11 at the age of 45 years.

David, who attended Foothill High School and California State University at Sacramento, also served the U.S. Navy for six years.

"David was well liked and will be missed by all who worked with him and knew him," said **Michael Werner**, David's Supervisor.

In 1987, David began his State career with the Department of Transportation's Administrative Division. A year later, he joined DWR in Sacramento as a Mechanical Engineer. He was promoted to Associate Power Operations and Maintenance Engineer in 1992 and Associate Hydroelectric Power Utility Engineer in 1994.

From 2001 to 2002, he worked at Operations and Maintenance's San Joaquin Field Division as a Senior Hydroelectric Power Utility Engineer, Supervisor. In January of 2002, David returned to Sacramento to work at the California Energy Resources Scheduling Division as a Senior Hydroelectric Power Utility Engineer. He joined the State Water Project Analysis Office in March of 2003 as a Senior Hydroelectric Power Utility Engineer, Supervisor.

For SWPAO, he worked on the California Independent System Operator's proposals for market redesign and grid management change.

He is survived by his wife Linda, one son, and five stepchildren.



J. DAVID BONALY

Sharon Sequeira of the Departmental Services Office's Imaging and Records Management Unit, died at the age of 50 on June 15 in Sacramento.

"She added so much to this organization with her dedication, hard work, and her ambition to go beyond the call of duty," said her Supervisor **Vicki Price**. "Personally, Sharon was a cherished friend and an individual known to have a pure heart and soul. She will be missed."

Before joining DWR in July of 1993, Sharon worked from 1991 to 1992 for the University of California at Davis' temporary employment pool as a Senior Clerk Typist. She also worked for the Sacramento City Unified School District as a Data Entry Technician.

During her DWR career as an Office Assistant (Typing), she was stationed at various DWR file stations in the Resources Building. In 2001, she received a Unit Citation as member of the Imaging and Records Management Unit. She also received the 2002 Outstanding Office Service Accomplishment Award and State Sustained Superior Accomplishment Award in recognition and appreciation of her outstanding performance and sustained excellence over the past two years.

She is survived by her mother, two brothers and three sisters.



SHARON SEQUEIRA

Utility Craftworker Superintendent **Denver Criner**, 89, died on April 26 at his residence in Auburn.

Denver, who was born in Baker's Creek, Arkansas, was the oldest of five children. He graduated from Deer High School and attended Arkansas Tech University for two years.

He worked as the Superintendent for R.V. Lloyd's Construction Company in the Coachella Valley. One of his major jobs was the All-American Canal, bringing water to Southern California. Denver owned and operated a very successful auto garage in Indio.

In 1964, Denver began his DWR career as a Maintenance Mechanic with Southern Field Division. By 1976, he became Assistant Utility Craftworker Superintendent with Southern Field Division. Then, he joined the Design and Construction (now Division of Engineering) as a Construction Supervisor I. From 1979 to 1988, he worked as Utility Craftworker Superintendent with Delta Field Division. After Denver retired in June of 1988, he worked as a Retired Annuitant in 1989.

"Throughout his lifetime, my father Denver possessed a strong desire to learn and improve himself," said daughter Nadine Curtis.

"He became a quite a golfer and he loved traveling to Montana to go fly fishing. His passion in his life was his family and following the activities, athletic careers, and participation of his children and grandchildren."

Denver was preceded in death by his wife Bonnie. In addition to his sons Herb, Walter, Jim, and Bob and daughters Betty and Nadine, he is also survived by 19 grandchildren and 28 great grandchildren.



DENVER CRINER

Former DWR "Senior" Planner" **Harold Knight** died on April 2 at the age of 79 years.

Harold lived in Stockton until after his high school graduation. Then, he served in Germany during WW II. He helped to build pontoon bridges across strategic rivers.

After the war, Harold joined the Division of Water Resources. One of his first assignments was the San Joaquin investigation which contributed to Bulletin 2 and became the basis of the California Water Plan. He also prepared surface water measurement studies for the California Water Plan. In 1982, he became a Program Manager for DWR Water Rights activities. During his DWR career, he worked in the Division of Planning (now Bay-Delta Office), Division of Planning and Local Assistance, Operations and Maintenance, and the State Water Project Analysis Office.

When Harold retired as a Water Resources Engineering Associate from the State Water Project Analysis Office in 1996, he had 46 years of DWR service, more years at the time than any other employee.

Harold is survived by his wife Shirley, four sons, and three grandchildren.



HAROLD KNIGHT

Promotions

Luis Carrillo
Operations & Maintenance
Senior Water & Power
Dispatcher

Eddie Dix
San Joaquin Field Division
HEP* Mechanic I

Danny Errecia
San Joaquin Field Division
Chief HEP* Operator

Christopher Fernandez
Southern Field Division
Utility Craftworker

Jeanine Jones
Colorado River & Salton Sea
Office
C.E.A.

Dennis Noyce
San Joaquin Field Division
HEP* Mechanic II

Ron Rushing Jr.
San Luis Field Division
HEP* Mechanic I

*Hydroelectric Plant

INFORMATION PROVIDED BY DWR'S PERSONNEL OFFICE

Birth Announcement

**Congratulations to
DWR Parent:**

Jessica Roles,
Staff Services Analyst
of Operations and
Maintenance's Oroville
Field Division, has a son
named Cody Bryant,
who was born on June 21
weighing 7 pounds,
15 ounces and was
20 inches long.

DWR MISSION

Statement

To manage the water resources
of California in cooperation
with other agencies,
to benefit the State's people,
and to protect, restore,
and enhance the natural
and human environments.

S T A T E O F C A L I F O R N I A • D E P A R T M E N T O F W A T E R R E S O U R C E S

DWR NEWS/People
Office of Water Education
1416 Ninth Street, Room 1104-1
Sacramento, CA 94236-0001